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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/870,620	05/31/2001	Scott J. Broussard	AUS920010262US1	1774

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EXAMINER

BONSHOCK, DENNIS G

ART UNIT	PAPER NUMBER
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2173

DATE MAILED: 02/13/2004

3

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/870,620

Applicant(s)

BROUSSARD, SCOTT J.

Examiner

Dennis G Bonshock

Art Unit

2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 31 May 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 2.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## **DETAILED ACTION**

### ***Claim Objections***

1. Claim 3 is objected to because of the following informalities: The claim states a "first software component may be use to the graphical representation of the object", which is grammatically an improper statement with an ambiguous meaning.

Appropriate correction is required.

### ***Claim Rejections - 35 USC § 112***

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter, which the applicant regards as his invention.

3. Claims 9 and 10 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The claims state, "executing comprising..." where it is not clearly stated whether this is the first or second software component. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1, 3-10, and 12-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nelson, *Java Foundation Classes*.

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6. With regard to claim 1, Nelson teaches, a software component that creates a graphical representation of a object, where a graphical representation is rendered, comprising text and other displayable content (see page 694 and 697), an application program creating a graphical representation under an operating system (see page 20 paragraph 1 and page 39), a second software component adapted for drawing text (see page 472), and this second software invoked to draw text using only visual attributes, i.e. static text (see page 472). Nelson further teaches on page 78, UI class having separate groups of code to get the look-and-feel, and to draw the text. It would have been obvious to one of ordinary skill in the art, having the teachings of Nelson that the JTextField and JLabel components could be combined, to allow for one components to handle the look-and-feel and one component to handle the displaying of the text.

7. With regard to claims 3 and 12, which teach the first software component used in a graphical representation of an object, Nelson teaches, on page 694, a graphical representation of the text.

8. With regard to claims 4 and 13, which teach the first software component being adapted to support undo and redo editing of the text content in the graphical representation of the object, Nelson further teaches, on page 696, text being inserted or removed from a JTextField.

9. With regard to claims 5 and 14, which teach the object being part of a graphical interface associated with the application program, Nelson further teaches, on page xxv, Java Foundation Classes, which Swing (JTextField and JLabel) is, help programmers make their GUIs slightly faster than before, and help functionality and appearance.

10. With regard to claim 6, which teaches the application program written in Java programming language, Nelson further teaches, on page xxv, Java Foundation Classes, which Swing (JtextField and JLabel) is, help programmers make their GUIs slightly faster than before, and help functionality and appearance.

11. With regard to claim 7, which teaches the first and second components comprising a Java virtual machine of Swing application program interface, Nelson further teaches, on page 81, Java Foundation Classes, which Swing (JtextField and JLabel) is, *Accessibility Application Programming Interface (API)* is to make it easy for programmers to make their applications work with access technologies that can sit on top of the *Java Virtual Machine*.

12. With regard to claim 8, Nelson teaches, an application program running under an operating system (see page 20 paragraph 1 and page 39) comprising: a software component the creates a graphical representation of a object, where a graphical representation is rendered, comprising text and other displayable content (see page 694 and 697), a second software component adapted for drawing text (see page 472), and this second software invoked to draw text using only visual attributes, i.e. static text (see page 472). Nelson further teaches, on page 78, UI class having separate groups of code to get the look-and-feel, and to draw the text. It would have been obvious to one of ordinary skill in the art, having the teachings of Nelson that the JtextField and JLabel components could be combined, to allow for one component to handle the look-and-feel and one component to handle the displaying of the text.

13. With regard to claim 9, which teaches executing comprising creating a label upon the display absent any text, Nelson further teaches, on page 473, creating a label that is absent text.

14. With regard to claim 10, which teaches executing comprising creating a border upon the display absent any text within the border, Nelson further teaches, on page 697, paragraph 2, creating an `EmptyBorder` on the display.

15. With regard to claim 15, which teaches the appearance and behavior of the object being independent on the operating system, Nelson further teaches, on page 43, "metal" which gives Swings universal Look-and-feel.

16. With regard to claim 16, Nelson teaches, teaches the appearance and behavior of the object being independent on the operating system (see page 43), a windows based operating system (page xxvii), an application program running under an operating system (see page 20 paragraph 1 and page 39) comprising: a software component that creates a graphical representation of an object, where a graphical representation is rendered, comprising text and other displayable content (see page 694 and 697), a second software component adapted for drawing text (see page 472), and this second software invoked to draw text using only visual attributes, i.e. static text (see page 472). Nelson further teaches on page 78, UI class having separate groups of code for getting the look-and-feel, and for drawing the text. It would have been obvious to one of ordinary skill in the art, having the teachings of Nelson that the `JtextField` and `Jlabel` components could be combined, to allow for one component to handle the look-and-feel and for one component to handle the displaying of the text.

17. Claims 2 and 11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Nelson, *Java Foundation Classes*, and Guha, patent #6,005,588.

18. With regard to claims 2 and 11, which teach the operating system assigning text drawing placed in a buffer and the buffered text edited prior to being drawn, Nelson teaches the system for defining and displaying text using separate components, but doesn't teach assigning text drawing placed in a buffer and the buffered text edited prior to being drawn. Guha teaches a system of rapidly displaying text as did Nelson but further teaches, in column 2, lines 14-45, placing characters in a bitmap in memory, where there pixels are combined into lines to reduce the amount of memory space required to store. It would have been obvious to one of ordinary skill in the art, having the teachings of Nelson and Guha before him at the time the invention was made to modify the system for defining and displaying text using separate components of Nelson to include the buffer and editing before being displayed, as did Guha. One would have been motivated to make such a combination because this greatly improves the speed and memory usage of displaying text.

### ***Conclusion***

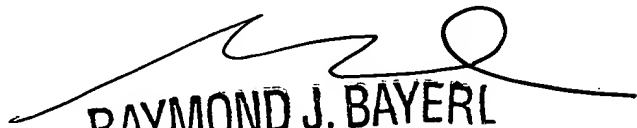
19. The prior art made of record on form PTO-892 and not relied upon is considered pertinent to applicant's disclosure. Applicant is required under 37 C.F.R. § 1.111(c) to consider these references fully when responding to this action. The documents cited therein teach systems for displaying objects using multiple components to define and display.

20. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis G Bonshock whose telephone number is (703) 305-4668. The examiner can normally be reached on Monday - Friday, 8:30 a.m. - 5:00 p.m.

21. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Cabeca can be reached on (703) 308-3116. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

22. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

dgb

  
RAYMOND J. BAYERL  
PRIMARY EXAMINER  
ART UNIT 2173